

ABSTRACT

The present invention is a stabilizing system for improving the melt viscosity of polyolefin resin during fiber processing. The addition of a liquid phosphite melt processing stabilizer to polypropylene homopolymer powder improves processing stability during spinning. The present invention covers spraying the liquid phosphite onto the powder along with octadecyl 3,5-di-tert-butyl-4-hydroxyhydrocinnamate which is applied via mineral oil solution in a steamer.